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producing a medicament utilised for treating or preventing HIV-1 infection. (C3) or (C4) is useful for inducing in a subject an anti-HIV-1 neutralising antibody response specific for a V3 loop epitope. (C4) is useful for preventing an HIV-1 infection in an uninfected subject at risk for such infection or for inhibiting viral spread and disease progression in an infected subject. The present sequence represents a peptide used in the exemplification of the present invention.

Sequence 26 AA;

Query Match 3.9%; Score 117; DB 8; Length 26;
 Best Local Similarity 84.6%; Pred. No. 0.0058;
 Matches 22; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 69 ITNAMIIDYTGIIYKADIGIKNGKING 94
 |||||:|||||:|||||:|||||
 Db 1 ITNALIVDYTGIIYKADIGIKDGKIAG 26

RESULT 4

AAW16889

ID AAW16889 standard; peptide; 19 AA.

XX

AC

AAW16889;

XX

DT

20-JUN-1997 (first entry)

XX

DE

Helicobacter pylori urease 56 B subunit-derived peptide.

XX

KW

Antigen; antibody; vaccine; 23 A subunit; 56 B subunit; diagnostic; diagnosis; immunogenicity; specificity; ss.

XX

OS

Helicobacter pylori.

XX

PN

JP09087297-A.

XX

PD

31-MAR-1997.

XX

PF

23-APR-1996; 96JP-00101601.

XX

PR

19-JUL-1995; 95JP-00182584.

XX

PA

(TAKA/) TAKAHASHI H.

XX

DR

WPI; 1997-255547/23.

XX

PT

Artificial antigen from Helicobacter pylori urease protein - also an antibody induced by the artificial antigen, for use in an H. pylori vaccine.

XX

PS

Example 1; Page 6; 18pp; Japanese.

XX

CC

AAW16868-W16922 are overlapping peptides used for the epitopic mapping of the Helicobacter pylori urease protein 56 B subunit. Both the 23 A and 56 B subunits of H. pylori urease were investigated by epitopic mapping and two groups of overlapping peptides were created. The peptide shown in AAW16843, spanning amino acids 321-339 of subunit 56 B, and a fragment of this peptide shown in AAW16844 were found to be the most suitable for use in the production of a vaccine for protecting against H. pylori infection. Antibodies raised against the peptides are also very useful in diagnosis of H. pylori infection

XX

SQ

Sequence 19 AA;

Query Match 3.4%; Score 103; DB 2; Length 19;
 Best Local Similarity 94.7%; Pred. No. 0.059;
 Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 211 EAGAIGFKLHEDWGTTTPSA 229
 |||||:|||||:|||||:|||||
 Db 1 EAGAIGFKIHEDWGTTTPSA 19

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